Blakely, Sokoloff, Taylor & Zatman LLP   (408) 947-8200
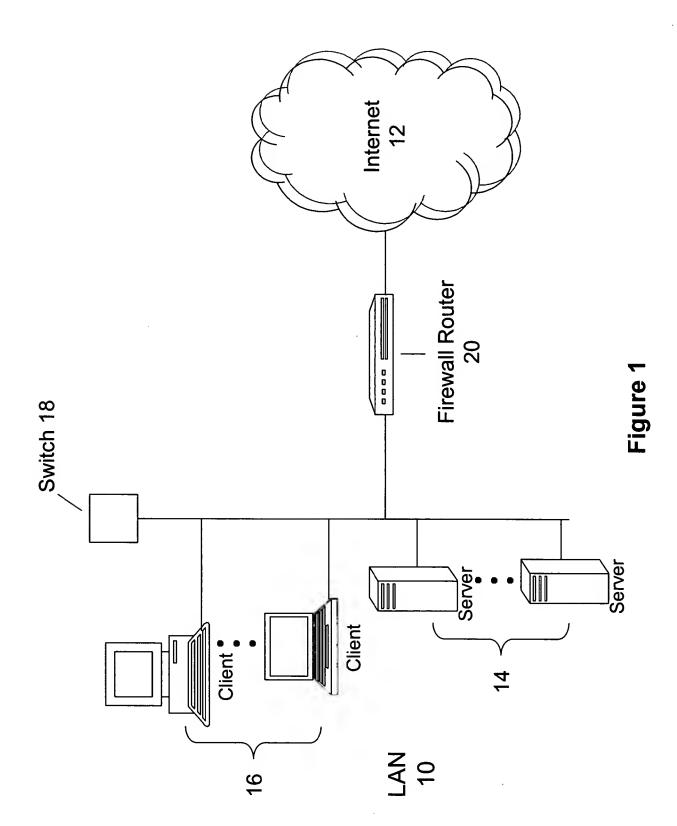Title: TAG DATA STRUCTURE FOR MAINTAINING RELATIONAL
DATA OVER CAPTURED OBJECTS
1st Named Inventor: Erik de la Iglesia
Express Mail No.: EV410138225US   Docket No.: 6897P003
Sheet: 1 of 6

Figure 1

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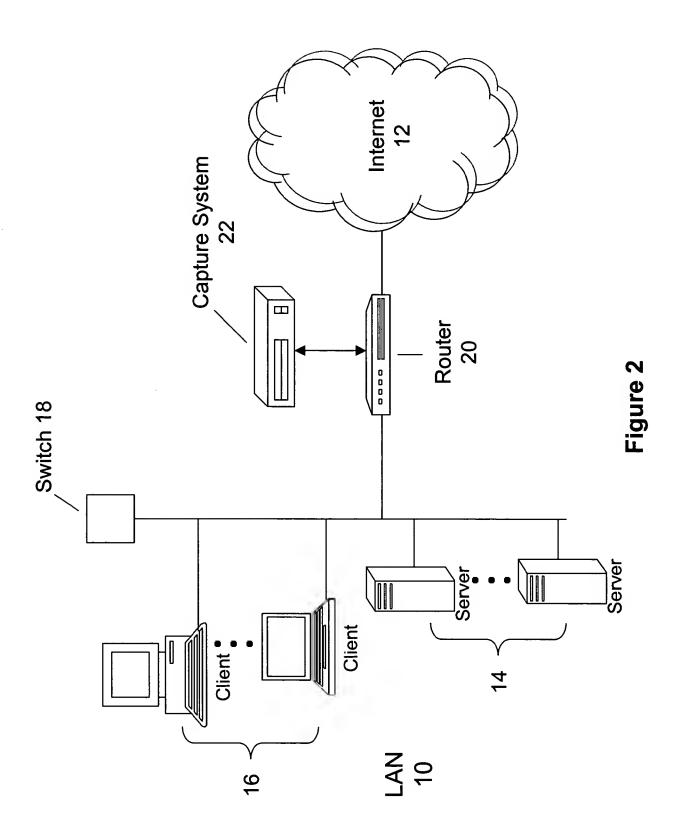Title: TAG DATA STRUCTURE FOR MAINTAINING RELATIONAL
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Figure 2

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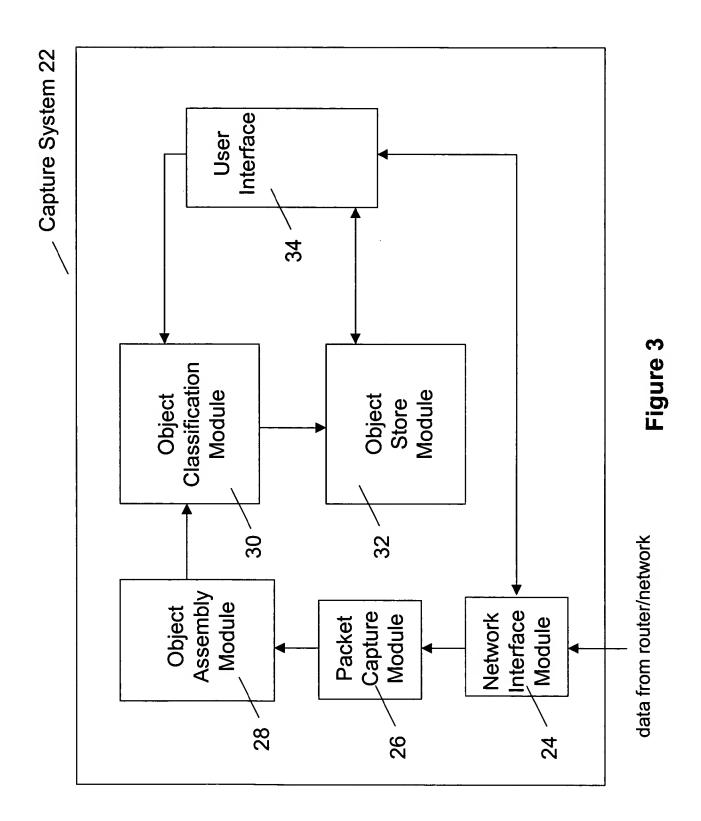Express Mail No.: EV410138225US   Docket No.: 6897P003
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Capture System 22

User Interface

34

Object Classification Module

30

Object Store Module

32

Object Assembly Module

28

Packet Capture Module

26

Network Interface Module

24

data from router/network

Figure 3

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Object Assembly Module 28

Packets

36 Reassembler

38 Protocol Demux

40 Protocol Classifier

Object

Figure 4

Object Store Module 32

data from object classification module

data from object assembly module

44 Content Store

Files 46

Tag Database 42

Figure 5

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Figure 6

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Sheet: 6 of 6

Docket No.: 6897P003

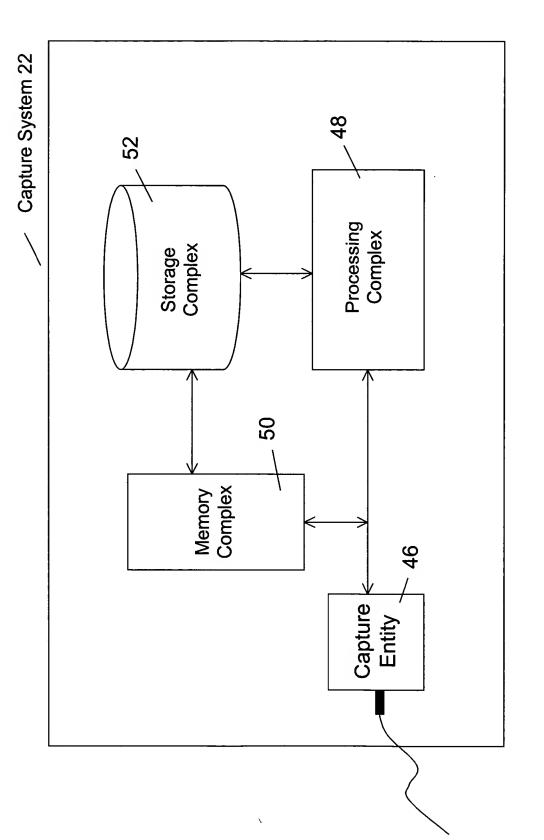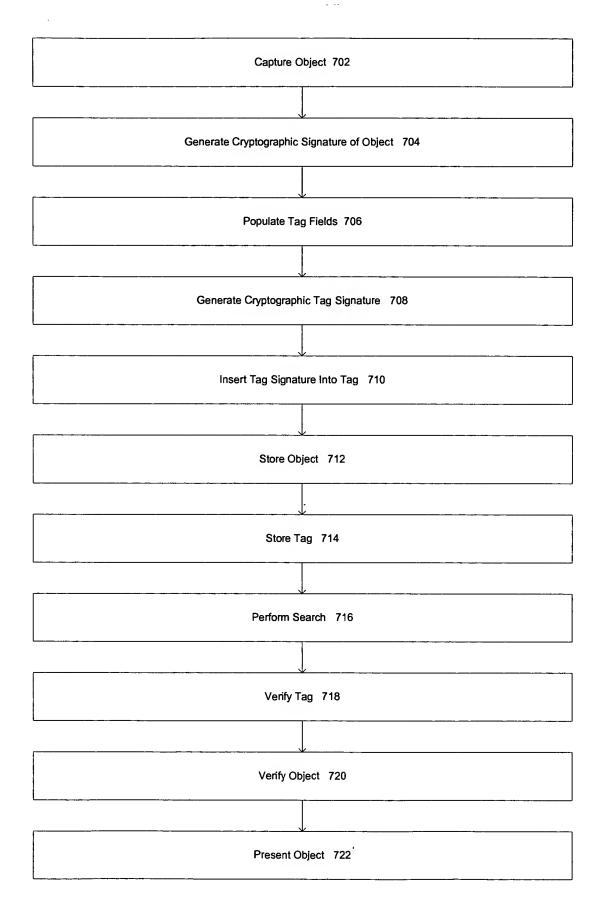| Capture Object 702 |

↓

| Generate Cryptographic Signature of Object 704 |

↓

| Populate Tag Fields 706 |

↓

| Generate Cryptographic Tag Signature 708 |

↓

| Insert Tag Signature Into Tag 710 |

↓

| Store Object 712 |

↓

| Store Tag 714 |

↓

| Perform Search 716 |

↓

| Verify Tag 718 |

↓

| Verify Object 720 |

↓

| Present Object 722 |

Figure 7